



Capital Quant Solutions

# Capital Quant Solutions

## FinStinct Commercial Proposal for SmartStream

Jul 2020

From documents to decision making  
for financial services



# Problem statement

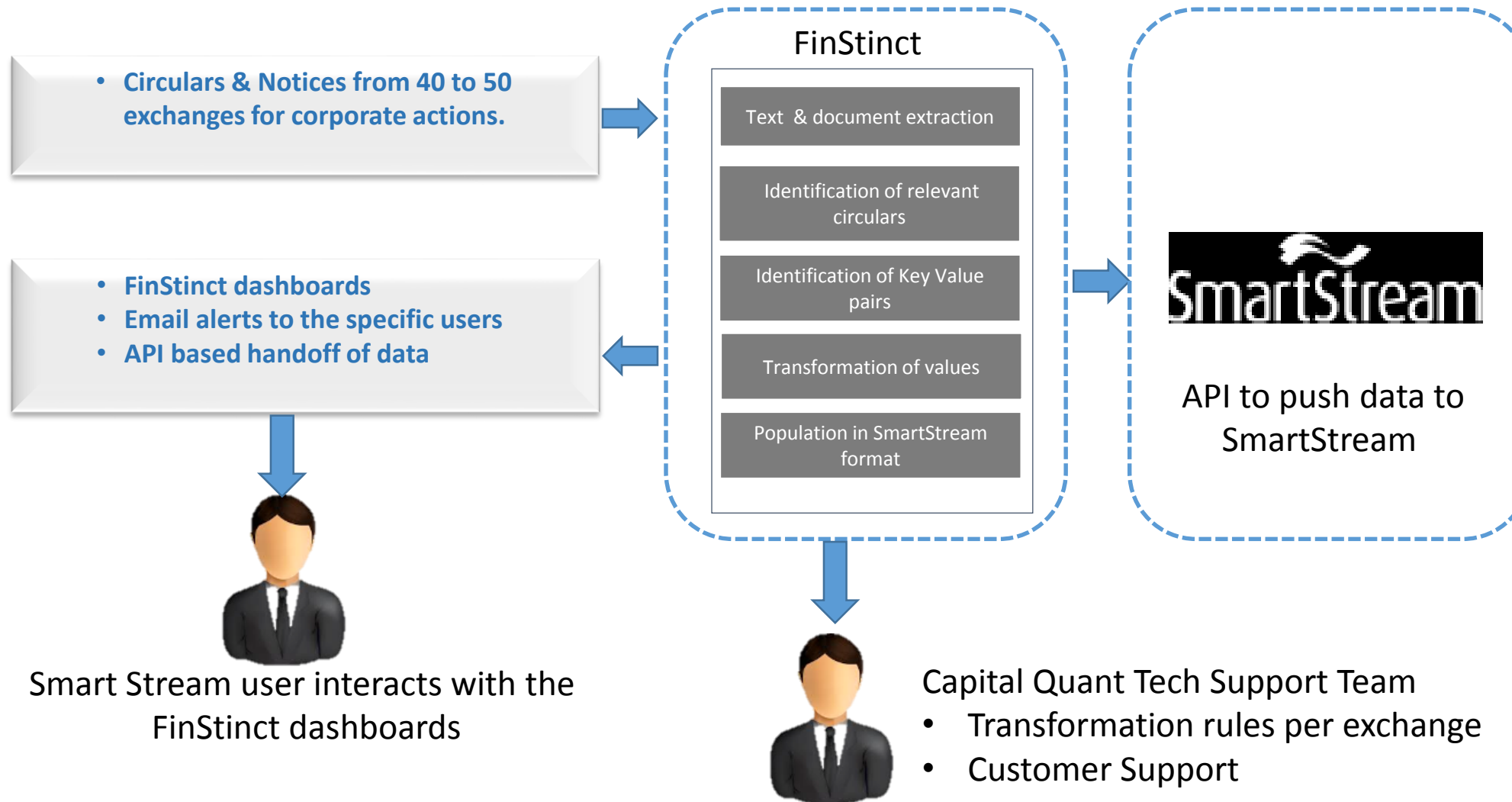
- Identification of relevant circulars/notices on the exchange websites
- Circulars pertaining to corporate actions need to be pulled.
- Details of the corporate action is there in PDFs attached to the circular.
- Data requires extraction of key value pairs from these PDFs.
- It is expected that the corporate action data from 40 to 50 exchanges has to be collated and filled into an excel sheet automatically.

# Overview of the proposed solution

- FinStinct offers the following modules to address the problem:
  - Octopus to pull the relevant contract specification documents from the exchanges and perform the extraction of the tabular data.
  - Platform with K-Engine to identify and extract the key value pairs from the specification PDFs.
- After the data is downloaded and key-value pairs are extracted some fields go thru specific transformations.
- Data is then populated in a structured format.
- SmartStream to engage with FinStinct thru
  - API based handoff of data
  - Email with the excel attachments
  - Dashboards which provide selection and rejection lists

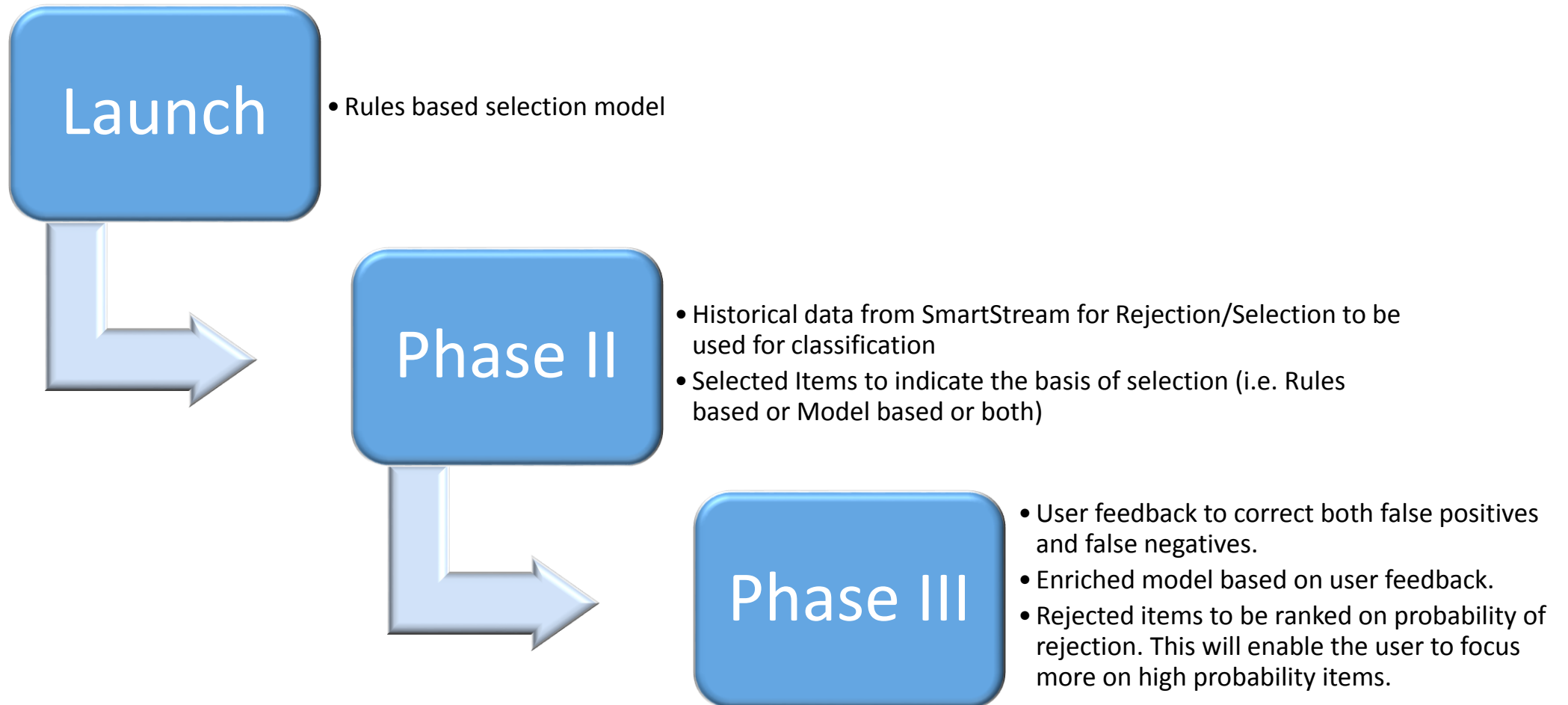
# Solution components & deployment

- FinStinct deployed on Cloud.







# FinStinct | Suggested Roadmap for SmartStream

- FinStinct recommends the following plan for production. Note that this is the suggested plan. This can undergo changes depending on discussions with the SmartStream team. Based on our experience with the POC the Launch itself should cover for over 90% of the cases. Whether Phase II is needed or not can be discussed.
- Note that Ai/ML based automation is a journey which SmartStream and FinStinct will undertake together. For instance the Phase III will require user involvement as well.



# FinStinct Dashboard | Currently live for Corporate Announcements

- FinStinct will also provide a dashboard to list all Corporate Actions. The user will have the ability to click on Enable/Disable to provide feedback on false positives and false negatives.
- This is a sample dashboard which shows data on Corporate Announcements.

Announcement Hub						
Announcements						
Symbol	<input type="text"/>	Details	<input type="text"/>	Segment	<input type="text" value="ALL"/>	
Subject	<input type="text"/>	Date From	<input type="text" value="07/20/2020"/>	Date To	<input type="text" value="07/28/2020"/>	<input type="button" value="Search"/>
Result list of Announcements						<input type="button" value="Export to excel"/>
Symbol	Company name	Subject	Details	Broadcast Date	File	Enable/Disable
"AARTIDRUGS"	Aarti Drugs Limited	Updates	Aarti Drugs Limited has informed the Exchange regarding 'Certificate under Regulation 74(5) of SEBI (Depositories and Participants) Regulations, 2018'.	20-07-2020		<input type="radio"/> Enable <input type="radio"/> Disable
"DIGJAMLTD"	Digjam Limited	Copy of Newspaper Publication	Digjam Limited has informed the Exchange about Copy of Newspaper Publication	20-07-2020		<input type="radio"/> Enable <input type="radio"/> Disable
"TRF"	TRF Limited	Shareholders meeting	TRF Limited has submitted the Exchange a copy Srutinizers report of Postal Ballot. Further, the company has informed the Exchange regarding voting results.	20-07-2020		<input type="radio"/> Enable <input type="radio"/> Disable
	Embassy Office Parks		Embassy Office Parks REIT has informed the Exchange regarding a press release dated July			<input type="radio"/> Enable <input type="radio"/> Disable

# FinStinct Dashboard | Announcements Filtered for an enterprise

- FinStinct will provide a separate dashboard for filtered data. Sample is shown below.

Announcement Hub

Filtered Announcements

Symbol

Details

Priority

ALL

Segment

ALL

Subject

Date From

07/27/2020




Date To

07/28/2020

Search

Result list of Filtered Announcements

Export to excel

Symbol	Company name	Subject	Details	Broadcast Date	Priority	Keyword Found	File
"INDINFR"	IndInfravit Trust	Outcome of Board Meeting	IndInfravit Trust has informed the Exchange regarding Outcome of Board Meeting held on July 24, 2020.	27-07-2020	Low	suspension	
"CIPLA"	Cipla Limited	News Verification	The Exchange has sought clarification from Cipla Limited with respect to recent news item captioned Cipla all set to launch Favipiravir drug for treatment of COVID patients. The response from the Company is attached.	27-07-2020	Low		
"DRREDDY"	Dr. Reddy's Laboratories Limited	Press Release	Dr. Reddy's Laboratories Limited has informed the Exchange regarding a press release dated July 27, 2020, titled "Dr. Reddy's	27-07-2020	Low	absorption	

# Key benefits for SmartStream

- FinStinct can lead to a complete reduction in the maker effort.
- Checker effort can either be reduced or Checker coverage can be enhanced with the same bandwidth depending on the nature of process being automated.
- On an average in an account we see cost reduction to the tune of 30 to 40%. This can be more as well, depending on the nature of process and the commitment of the team.
- If RDU is a success, SmartStream can use Octopus and Platform license for other use cases & groups and derive productivity gains.



# Commercials for SmartStream

- Capital Quant Solutions is pleased to offer attractive commercials for SmartStream.
- The commercials provided in this proposal are for the specific requirement of Corporate Actions for RDU only. Any other data structuring/classification/analysis requirement is not covered under this proposal.
- All commercials are exclusive of taxes. All applicable taxes (from any country) will be over and above these commercials.
- USD / INR exchange rate will be frozen at the time of signing the agreement.

## **License Fee**

S No	Description	Amount	Payment Terms
1	Annual License fee for FinStinct covering the: <ul style="list-style-type: none"><li>• API</li><li>• Dashboard for 10 users</li><li>• Email Notifications</li><li>• Maintenance and Support</li></ul> This license is for a maximum of 45 exchanges.	75000 USD (per annum)	<ul style="list-style-type: none"><li>• 25% on Signing of the agreement.</li><li>• 25% on completion of 3 months from the start date of the license.</li><li>• 50% on completion of 6 months from the start date of the license.</li></ul>

## **Customization Fee**

- Any changes to the requirements that have been demonstrated in the POC or have been listed in this proposal will be treated as a customization. The customizations will be delivered at an attractive T&M rate of only USD 200 per person day of effort.

# Assumptions

- SmartStream will use this license for a maximum of 45 exchanges. Any additional exchange will be priced over and above.
- This requirement will be for corporate actions only and will not cover any other data.
- The output format (i.e. excel input for SmartStream) will be one format for all exchanges.
- The rollout of the exchanges will be phased.
- FinStinct will be deployed on cloud.
- User training will be provided online. Capital Quant Consultants do not have to travel to SmartStream offices.
- In case it is required that a Capital Quant Consultant has to travel to any SmartStream office then that travel will be billed to SmartStream on actuals. The cost will include the following components:
  - Airfare from Capital Quant office location (Delhi) to SmartStream office location.
  - Accommodation charges (Hotel stay).
  - Per-diem at USD 50 per consultant per day.
  - In case visa is required then the visa fee will be on actuals.
- Support will be provided from Capital Quant Solutions office locations only.
- Data is available on the publically available sources (in this case the exchanges). All these sources are free sources. In case any exchange becomes a paid source in future then that cost will be passed on to SmartStream on actuals.
- If an exchange site is down for some reason (Or data is not available on the site due to some tech reason at the source end), Capital Quant Solutions will not be held responsible. We will make our best efforts to resume the data pull from the source but the dependency on the exchange site to be up will remain.

Thank You...